What is claimed is:

1. An imaging apparatus, comprising:

i) a planar electrostatic recording material, which records image information as an electrostatic latent image, and which generates electric currents in accordance with the electrostatic latent image when a read-out surface of the planar electrostatic recording material is scanned with a reading electromagnetic wave,

ii) a flat plate-shaped substrate, which supports the electrostatic recording material from a side of the read-out surface, and which has permeability with respect to the reading electromagnetic wave, and

iii) a flat plate-shaped base plate for supporting the flat plate-shaped substrate from a side opposite to a surface of the substrate, on which surface the electrostatic recording material is formed, the flat plate-shaped base plate having a rigidity higher than the rigidity of the substrate and having permeability with respect to the reading electromagnetic wave.

2. An apparatus as defined in Claim 1 wherein the base plate has a coefficient of thermal expansion approximately identical with the coefficient of thermal expansion of the substrate.

3. An apparatus as defined in Claim 1 wherein the base plate has a refractive index approximately identical with the refractive index of the substrate.

4. An apparatus as defined in Claim 2 wherein the base

plate has a refractive index approximately identical with the refractive index of the substrate.

5. An apparatus as defined in Claim 1, 2, 3, or 4 wherein a surface of the base plate and a surface of the substrate, which surfaces stand facing each other, are adhered by an adhesive agent to each other.

6. An apparatus as defined in Claim 1, 2, 3, or 4 wherein an anti-reflection coating layer for preventing reflection of the reading electromagnetic wave is formed on a light entry face of the base plate, upon which light entry face the reading electromagnetic wave is incident.